Use Attainability Analysis

for

WBID 3671 Trib. N. Prong of Jack's Fork

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Tr Jack's Fork	ibutary North Prong of				
8-digit HUC: 11010008	1.4.				
Missouri WBID #: 3671	JUL * * 2095				
County: Texas	St.				
Upstream Legal Description: SE1/4 NW1/4 Sec.28 T.	28N., R.8W.				
Downstream Legal Description: NE1/4 NW1/4 Sec.4 T	.28N., R.8W.				
Upstream Coordinates: N. 37.16036 W. 91.83040					
Downstream Coordinates: N. 37.13775 W. 91.8278	1				
Discharger Facility Name(s): NA					
Discharger Permit Number(s): NA					
Number of Sites Evaluated: 3					
Name of Surveyor and Telephone Number: Dennis M. Meinert (314) 416-2960					
Organization: Department of Natural Resources, SW	CP				
Position: Soil Scientist					

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Dennio M. Meiner Date: 06/28/05_

September 29, 2004

Page 1

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	WB3671-01	Site Loca	tion Descrip	tion: SEI	L/4 NW1/4 Sec	.28 T.28N., R.8W.
Site GPS Coordina	tes: N. 37.160	36 W	. 91.83040			
Date & Time: 6/28	/05 11:05 a	.m.	Facility Na	me: NA		
Personnel: Keith	Knelle, Mike Wy	att	Permit Numb	er: NA		
hurrent Weather C	onditions: Sunn	y, hazy	Weather Con	ditions f	or Past 7 days	: Scattered showers
hoto Ids: Upstr	eam: WBU3671-01	Downst	ream: WBD367	1-01	Other:	
Uses Observed	1* :					
Swimming	Skin Diving	Scu	ba diving	Tubing	_	Water skiing
Wind surfing	Kayaking	Boa	ting	Wading		Rafting
Hunting	Trapping	Fis	hing	_I_None o	f the above _	Other:
Surrounding (photos of evic	lence or unusua	al items)	mpede recreat	cional uses. Attach
					_	
Boating accesse			National fore	iats	Nature tr	
No trespass sig	Fence		Steep slopes		_X_ Other: No	□
Evidence of	Human Use*:					
Roads	Foot paths/pr	ints	Dock/platform	Live	stock Watering	RV / ATV Tracks
Rope swing	Camping Sites		Fire pit/ring	NPDE	S Discharge	Fishing Tackle
I_Other: none						

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3671-01

Riffle	Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max.	Depth	(ft):
Run	Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max.	Depth	(ft):
Pool	Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max.	Depth	(ft):
Flow	Presen	t? Yes	No	Estimated	(ft3/sec):	(
Downst	ream Vi	ew Physical	Dimensions: No	water observed				
	Width		Length (ft):	Avg. Depth	(ft):	Max.	Depth	(ft):
Run	Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max.	Depth	(ft):
Pool	Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max.	Depth	(ft):
Flow	Presen	t? Yes	No	Estimated	(ft3/sec):			
Subst	rate*:	(These val	ues should add	up to 100%)				
50% Co		50% Gravel		% Silt	% Mu	d/Clay		% Bedroc
Aquat site) None	ic Vege	etation*: (note amount of	vegetation or a	algal grow	th at th	ne asse	ssment
None Water		cteristics*	: (Mark all tha	at apply.)				ssment
site) None Water		cteristics*	: (Mark all tha	t apply.)	None	Oth	er:	
None Water Odor: Color:	Charac	cteristics* Sewage Clear	: (Mark all tha	chemical	None Milky	Oth	er: er: None	
None Water Odor: Color: Bottom De	Charac	cteristics* Sewage Clear Sludge	Y: (Mark all that Musky Green Solids	Chemical Gray Fine sediments	None Milky None	Oth Oth Oth	er: er: None er:	
None Water Odor: Color: Bottom De	Charac	cteristics* Sewage Clear Sludge Oil	F: (Mark all that Musky Green Solids Scum	Chemical Gray Fine sediments Foam	None Milky None	Oth Oth Oth	er: er: None er: er:	
None Water Odor: Color: Bottom De Surface I *This design condit decisi	charace eposit: ents: Pl form. informa- nation h	sewage clear sludge oil dease attach ation is not out rather i Consequentl	Musky Green Solids Scum additional com to be used sol s to provide a y, this informa on use analysis	Chemical Gray Fine sediments Foam ments (including the self of the sediments) ely for removal more comprehentation is not in	None Milky None None I of a rec sive under tended to	oth oth oth tion fro reations standing	er: er: None er: er: om inte al use g of way influ	rviews)
None Water Odor: Color: Bottom De Surface I *This design condit decisi	charace eposit: ents: Pl form. informa- nation h	sewage clear sludge oil dease attach ation is not out rather i Consequentl	Musky Green Solids Scum additional com to be used sol s to provide a y, this informa	Chemical Gray Fine sediments Foam ments (including the self of the sediments) ely for removal more comprehentation is not in	None Milky None None I of a rec sive under tended to	oth oth oth tion fro reations standing	er: er: None er: er: om inte al use g of way influ	rviews)
None Water Odor: Color: Bottom De Surface I *This design condit decision analys I, the	eposit: Deposit: information hations. ion on tools or t	sewage clear sludge oil dease attach consequently che recreation is not consequently che recreation is not consequently consequent	Musky Green Solids Scum additional com to be used sol s to provide a y, this informa on use analysis	Chemical Gray Fine sediments Foam ments (including a comprehent of the comprehent of	None Milky None None Ing informate the condition of a recondition of a rec	oth oth oth tion fro reations standing directly ions the	er: er: None er: er: om inte al use g of wa y influ at need	rviews) ter ence a further

Organization: Department of Natural Resources SWCP

Position: Soil Scientist____

WBID 3671-Downstream #1





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	WB3671-02	Site Loca	tion Descri	ption: SE1	/4 NW1/4 SEC	.33 т.	29N. R.8W.
Site GPS Coordin	ates: N. 37.14713	w.	91.82904				
Date & Time: 6/	28/05 10:00 a	ım	Facility N	ame: NA			
Personnel: Denni	s Meinert, Dave I	owdy	Permit Num	per: NA			
Current Weather	Conditions: Sunny	, hazy	Weather Co	nditions f	or Past 7 da	ys: Sc	attered showers
Photo Ids: Upst	ream: WBU3671-02	Downst	ream: WBD367	1-02	Other:		
Uses Observe	d*:	,					
Swimming	Skin Diving	Scu	ba diving	Tubing		Wa	ter skiing
Wind surfing	Kayaking	Воа	ting	Wading		Ra	fting
Hunting	Trapping	Fis	hing	_I_ None of	f the above	Ot	her:
	Conditions*:				mpede recrea	ationa	al uses. Attach
City/county pa	rks Playgrou	nds	MDC conserva	tion lands	Urban an	eas	Campgrounds
Boating access	es State pa	rks	National for	ests	Nature trails		Stairs/walkway
No trespass si	.gn Fence		Steep slopes	i i	_X_ Other: p	private	property
Evidence of	Human Use*:						
X Roads	Foot paths/pri	nts	Dock/platform	Live	stock Watering		RV / ATV Tracks
Rope swing	Camping Sites		Fire pit/ring	NPDE	S Discharge	-	Fishing Tackle
Other:							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3671-02

Stream Morphology:

Upstream	View	Physical	Dimensions:	No water observed.
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			THE STATE OF THE S	
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes No	Estimated (ft3/sec):	

Downstraam	Triore	Physical	Dimongiona.	No water observed.

Flow	Present?	Yes No	Estimated (ft3/sec):	
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):

Substrate*: (These values should add up to 100%.)

30% Cobble 70% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

one			

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	oil	Scum	Foam	None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: On	nnio M. Meiner	Date:	06/28/05
Organization:	Department of Natural Resources 8	SWCP	
Position:	Soil Scientist	_	

WBID 3671-Downstream #2



WBID 3671-Upstream #2



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	WB3671-03	Site Loca	tion Descrip	tion: NE1	1/4 NW1/4 SEC	.4 T.2	8N. R.8W.
Site GPS Coordin	nates: N. 37.13	775 W.	91.82781				
Date & Time: 6/2	8/05 11:15	am	Facility Na	me: NA			
Personnel: Leon	Thompson, John	Horton	Permit Numb	er: NA			
Current Weather	Conditions: Sum	ny, hazy	Weather Con	ditions f	for Past 7 day	ys: Cl	ear, sunny
Photo Ids: Upst	ream: WBU3671-0:	3 Downst	ream: WBD3671	-03	Other:		
Uses Observe	ed*:						
Swimming	Skin Diving	g Scu	ba diving	Tubing	ı	Wa	ter skiing
Wind surfing	Kayaking	Воа	ting	Wading	r	Ra:	fting
Hunting	Trapping	Fis	hing	X_ None o	of the above	ot:	her:
Control of the Contro	Conditions*:				mpede recrea	ationa	al uses. Attach
City/county p	arks Playgro	ounds	MDC conservat	ion lands	Urban ar	eas	Campgrounds
Boating access	ses State p	parks	National fore	sts	Nature t	rails	Stairs/walkway
No trespass s	ign Fence	_	Steep slopes		_X_ Other: p	rivate	property
Evidence of	Human Use*:						
Roads	Foot paths/p	rints	Dock/platform	_X_ Live	estock Watering	1_	RV / ATV Tracks
Rope swing	Camping Site	s	Fire pit/ring	ire pit/ring NPDES Discharge		Fishing Tackle	
X Other:							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3671-03

Stream Morphology:

Upstream View Physical Dimensions:

Flow	Preser	it?	Yes	No		Estin	mated	(ft3/sec):			- 140	
Pool	Width	(ft):	8 '	Length	(ft): 28'	Avg.	Depth	(ft): 7"	Max.	Depth	(ft):	14"
Run	Width	(ft):		Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):	
Riffle	Width	(ft):		Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):	

Downstream View Physical Dimensions: No water observed.

Flow	Present?	Yes No	Estimated (ft3/sec):	
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):

Substrate*: (These values should add up to 100%.)

10% Cobble 90% Gravel % Sand % Silt % Mud/Clay % E	edrock
----------------------------------------------------	--------

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

None

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	oil	Scum	Foam	None	Other:

Comments: Dry above and below and isolated pool. Crayfish observed.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: J. w A

Date: 06/28/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 3671-Downstream #3



WBID 3671-Upstream #3



STREAM NAME

Tributary North Prong of Jacks Fork

РНОТО	WBID	UP	DOWN	USE	COMMENTS
1	3671	Х		No use	No water
2	3671		X	No use	No water
3	3671	Х		No use	No water
4	3671		х	No use	No water
5	3671	X		No use	Isolated pool
6	3671		X	No use	No water
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	1				
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35					
36		1			
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38	-				
39					
39					



